



Patent Docket No. 38-21(15532)B

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant of: Brar, Gurdip S.; Roberts, Gail A.

Application No.: 09/683,765 Group No.: 1638
Filed: February 12, 2002 Examiner: Unknown
For: Transformation and Regeneration of Sunflower Cotyledons

Assistant Commissioner for Patents
Washington, D.C. 20231

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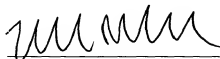
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Sheet 1 of 1

Complete if Known

Application Number	09/683,765
Filing Date	02/12/2002
First Named Inventor	Gurdip S. Brar
Group Art Unit	1638
Examiner Name	Unknown
Attorney Docket Number	38-21/(15532)P

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Sheet 1

of 2

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Application Number 09/683 765
 Filing Date 02/12/2002
 First Named Inventor Gurdir S. Brar
 Group Art Unit 1638
 Examiner Name Unknown
 Attorney Docket Number 38-21(15532)B

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Tr
	C1	CERIANI, M.F. ET AL, "Cotyledons: an explant for routine regeneration of sunflower plants," Plant Cell Physiol., Vol. 33 (2), p. 157-164, (1992).	
	C2	COCA, M.A. ET AL, "Differential regulation of small heat shock genes in plants: analysis of a water stress inducible and developmentally activated sunflower promoter," Plant Mol. Biol., Vol. 31, p. 863-876, (1996).	
	C3	GOFFNER, D. ET AL, "Effects of abscisic acid and osmotica on Helianthinin gene expression in sunflower cotyledons in vitro," Plant Sci., Vol. 66, p. 211-219, (1990).	
	C4	GRAYBURN, W.S. ET AL, "Transformation of sunflower (Helianthus annuus L.) following wounding with glass beads," Plant Cell Reports, Vol. 14, p. 285-289, (1995).	
	C5	HAMMOND, R.W, "Agrobacterium mediated inoculation of PSTVd cDNAs onto tomato reveals the biological effect of apparently lethal mutations," Virology, Vol. 201, p. 36-45, (1994).	
	C6	KUTSCHERA, U. ET AL, "Cell elongation, turgor and osmotic pressure in developing sunflower hypocotyls," J. Exp. Botany, Vol. 45 (No. 274), p. 591-595, (1994).	
	C7	KUTSCHERA, U, "Cell expansion in plant development," Revista Brasileira de Fisiologia Vegetal, Vol. 12 (1), p. 65-95, (April 2000).	
	C8	KUTSCHERA, U, "Role of the cotyledons in the maintenance of hypocotyl growth in Helianthus annuus L.," Plant Physiol., Vol. 140, p. 319-323, (1992).	
	C9	LAPARRA, H. ET AL, "Expression of foreign genes in sunflower (Helianthus annuus L.): evaluation of three gene transfer methods," Euphytica, Vol. 85, p. 63-74, (1995).	
	C10	MCNEIL, D.L., "The basis of osmotic pressure maintenance during expansion growth in Helianthus annuus hypocotyls," Aust. J. Plant Physiol., Vol. 3 (3), p. 311-324, (1976).	
	C11	PFEIFFER, I. ET AL, "Sucrose metabolism and lipid mobilization during light induced expansion of sunflower cotyledons," J. Plant Physiol., Vol. 147, p. 553-558, (1996).	

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Application Number	09/683,765
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